

INTERNATIONAL SEARCH REPORT

Rec'd PCT/PTO

21 MAR 2005

International Application No

PC./US 03/29620

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08L23/08 C08J5/18 B32B27/32 C08L23/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08L C08J B32B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 879 768 A (FALLA DANIEL JAMES ET AL) 9 March 1999 (1999-03-09) abstract; claims 1-50 column 11 - column 12; tables 1,2	1,11,20, 24
X	WO 01/010643 A (BANASZAK CHERYL M ;BUCCULO ADAM D (US); CHILDRESS BLAINE C (US); S) 15 February 2001 (2001-02-15) abstract; claims 1-30 page 9, lines 20-36 page 11 page 12; table 1A	1-3,6, 8-13,16, 18-20, 22-24
A	WO 98/05731 A (DOW CHEMICAL CO ;GREENE EDWARD E (US); HOENIG STEVE M (US); WHETTE) 12 February 1998 (1998-02-12) abstract; claims 1-13 ----- -/-	1-24

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

27 January 2004

Date of mailing of the international search report

22.03.04

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Bergmans, K

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 582 923 A (BAKER SHARON L ET AL) 10 December 1996 (1996-12-10)</p> <p>abstract; claims 1-51 column 1, lines 25-31 column 6, line 65 - column 7, line 5 column 16, lines 5-59 column 20; table 1</p> <p>-----</p>	<p>1,3-6,8, 10,11, 13-16, 18,20, 22-24</p>

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International application No.
PCT/US 03/29620

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1 - 24

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-24

A polymer composition or a film layer wherein on layer comprises said polymer composition, comprising A) in an amount of 60-80 wt% a mixture of at least one homogeneously branched polyethylene and at least one heterogeneously polyethylene and B) a polymer having a melt strength at least twice that of the mixture A).

2. claim: 25

A polymer composition comprising an ethylenic polymer (A) in an amount of 60-80 % having at least three melting peaks, and an other polymer (B) present in an amount of 20-40 % having a melt strength at least twice that of the ethylenic polymer (A)

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Information on patent family members

International Application No

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